



SHEET 1 OF 2

<b>FORM PTO - 1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>	<b>ATTORNEY DOCKET NO.:</b> FJN-063  <b>APPLICANT(S):</b> Nakagawa et al.  <b>SERIAL NO.:</b> 09/051,670  <b>FILING DATE:</b> April 16, 1998 <b>GROUP:</b> 1647
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**U.S. PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
/DR/	A3	5,118,667	6/2/92		514	12	
	A4	5,393,739	2/28/95		514	12	
	A5	5,578,569	11/26/96		514	12	
	A6	5,599,708	2/4/97		435	240.27	
	A7	5,658,756	8/19/97		435	69.1	
	A8	5,843,678	12/1/98		435	7.1	
	A9	5,985,832	11/16/99		514	12	
↓	A10	6,017,729	1/25/00		435	69.1	

**FOREIGN PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
/DR/	B4	0 514 130 A2		EP	A61K 37	02	05/12/92		Y
	B5	0 727 211 A1	08/21/96	EP	A61K 31	50	2/7/96		Y
	B6	96/28546	9/19/96	WO	C12N 15	00	3/15/95		Y
	B7	97/00317	1/3/97	WO	C12N 15	11	6/4/96		Y
↓	B8	97/00318	1/3/97	WO	C12N 15	11	6/7/95		Y



OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
/DR/	C9	Anderson et al., "A homologue of the TNF receptor and its ligand enhance T-cell growth and dendritic-cell function", <u>Nature</u> , Vol. 390, November 13, 1997, pp. 175-179.
	C10	Chambers et al., "Generation of osteoclast-inductive and osteoclastogenic cell lines from the H-2btsA58 transgenic mouse," <u>Proceed. of the National Acad. of Sciences of USA</u> , vol. 90, June 1993, pgs. 5578-5582.
	C11	Chenu et al., "Transforming growth factor $\beta$ inhibits formation of osteoclast-like cells in long-term human marrow cells," <u>Proceed. of the National Acad. of Sciences of USA</u> , vol. 85, August 1998, pgs. 5683-5687.
	C12	Fawthrop, F.W. et al., "The Effect of Transforming Growth Factor $\beta$ on the Plasminogen Activator Activity of Normal Human Osteoblast-like Cells and a Human Osteosarcoma Cell Line MG-63" <u>J. Bone and Mineral Res.</u> 7(12):1363-1371 (1992)
	C13	Fenton, A. J. et al., "Long-Term Culture of Disaggregated Rat Osteoclasts: Inhibition of Bone Resorption and Reduction of Osteoclast-Like Cell Number by Calcitonin and PTHrP[107-139]" <u>J. Cellular Phys.</u> 155:1-7 (1993)
	C14	George et al., <u>Macromolecular Sequencing and Synthesis</u> , New York, 1998, pg. 127-149.
	C15	Goodwin et al., "Molecular cloning and expression of the type 1 and type 2 receptors for tumor necrosis factor," <u>Database EMROD, EMBL Databases</u> , Accession Number: M59378, June 28, 1991.
	C16	Gowen et al., "Preferential Inhibition of Cytokine-Stimulated Bone Resorption by Recombinant Interferon Gamma," <u>Journal of Bone and Mineral Research</u> , vol. 1, number 5, 1986, pgs. 469-474.
	C17	Hattersley et al., "Human Macrophage Colony-Stimulating Factor Inhibits Bone Resorption by Osteoclasts Disaggregated From Rat Bone," <u>Journal of Cellular Physiology</u> , vol. 137, number 1, October 1998, pgs. 199-203.
	C18	International Search Report for PCT/JP98/01728
	C19	Kaji et al., "Insulin-like growth factor-I mediates osteoclast-like cell formation stimulated by parathyroid hormone," <u>Journal of Cellular Physiology</u> , Vol. 172, No. 1, July 10, 1997, pp. 55-62.
	C20	Kasano et al., "Inhibitory effect of interleukin-4 on osteoclast-like cell formation in mouse bone marrow culture," <u>Bone and Mineral</u> , vol. 21, 1993, pgs. 179-188.
	C21	Rieger et al., <u>Glossary of Genetics and Cytogenetics</u> , Springer-Verlag, Berlin Heidelberg New York, 1976, pg. 17.
	C22	Simonet et al., "Osteoprotegerin: a novel secreted protein involved in the regulation of bone density," <u>CELL</u> , vol. 89, April 18, 1997, pgs. 309-319.
	C23	Takada et al., "A simple method to assess osteoclast-mediated bone resorption using unfractionated bone cells," <u>Bone and Mineral</u> , vol. 17, 1992, pgs. 347-359.
	C24	Watanabe et al., "Interleukin-4 as a Potent Inhibitor of Bone Resorption," <u>Biochem. and Biophys. Research Comm.</u> , vol. 172, number 3, 1990, November 1990, pgs. 1035-1041.
↓	C25	Wong et al., "TRANCE is a novel ligand of the tumor necrosis factor receptor family that activates c-Jun N-terminal kinase in T cell", <u>J. Biol. Chem.</u> , Vol. 272, No. 40, October 28, 1997, pp. 24727-25408.
EXAMINER /David Romeo/ (04/10/2007)		DATE CONSIDERED